



Maricopa County

Air Quality Department

Permit Engineering Division
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MARICOPA COUNTY AIR QUALITY DEPARTMENT NOTICE OF PROPOSED AIR QUALITY PERMIT AND PUBLIC HEARING

Start of Public Comment Period: December 16, 2015
End of Public Comment Period: January 22, 2016

Maricopa County Air Quality Department at 1001 N. Central Avenue, Phoenix, AZ 85004, has received a significant revision application from the following facility:

APS Ocotillo Power Plant, 1500 E University Dr, Tempe, AZ 85281
Proposed Permit Number: V95007
Facility Type: Power Plant

Owner name and address: Arizona Public Service
400 N 5th St, Phoenix, AZ 85004

Air contaminants to be emitted: Products of Combustion, Volatile Organic Compounds, Particulate Matter, Hazardous Air Pollutants

The department will hold a public hearing to discuss the proposed permit:

Location: Escalante Community Center
2150 E. Orange St.
Tempe, AZ 85281

Date and Time: January 19, 2016, Start Time 6:00 p.m.

The purpose of this notice and hearing is to receive comments from the public for the proposed air quality permit. Comments should address whether the proposed permit meets the criteria for issuance in accordance with Arizona Revised Statutes (ARS) §§ 49-426, 49-427 and 49-480. In accordance with §§49-426 and 49-480.02 of the ARS, any person may submit written comments to the Permitting Division Manager at 1001 N. Central, Suite 125, Phoenix, AZ 85004. Any written comment shall state the name and mailing address of the person, shall be signed by the person, his agent, or his attorney and shall clearly set forth reasons why the permit should or should not be issued. Grounds for comment are limited to whether the proposed permit meets the criteria for issuance as prescribed in ARS §49-426, §49-480, or §49-481.

Members of the public may comment in person, at the hearing, through either oral statements to a court reporter or through written statements. In addition to providing oral or written comments at the hearing, any person may submit written comments to the department at its address above provided they are received no later than Friday, January 22, 2016, 5:00 p.m.

This Significant Revision to the APS Ocotillo Power Plant Modernization Project will incorporate the following changes to the facility:

- Install five new natural gas-fired GE Model LMS100 simple cycle turbines and associated equipment, including a hybrid Partial Dry Cooling System
- Install two 2.5 MW natural gas-fired Emergency Generators
- Retire two existing steam generating units and associated cooling towers
- The two existing turbines will no longer be able to burn diesel fuel and will only burn natural gas

The Maricopa County Air Quality Department's assessment of the APS Ocotillo project is as follows:

- The Ocotillo plant will utilize highly efficient simple-cycle gas turbines.

- The PSD permitting requirements apply to the Project only for carbon monoxide (CO), particulate matter less than 100 microns (PM), particulate matter less than or equal to 2.5 microns (PM2.5), and greenhouse gas (GHG) emissions. The proposed control technologies and emission limits for these pollutants represent the Best Available Control Technology (BACT) for simple-cycle gas turbines.
- After the first new GT commences operation, the Ocotillo Plant will no longer be a major source of particulate matter less than or equal to 10 microns (PM10).
- The nonattainment NSR permitting requirements do not apply to the Project.
- The air quality impacts of the Project are insignificant when compared to EPA impact thresholds.

The application, proposed Technical Support Documentation and proposed permit may be reviewed online at <http://www.maricopa.gov/aq/news/PublicNotices.aspx>. Additional information may be obtained by contacting the Permit Engineer, Henry Krautter, at (602) 506-7302 or by submitting a public record request online at http://www.maricopa.gov/aq/contact_us/public_records/Default.aspx.